

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 511.33114VV4	SERIAL NO. 09/482,859
	APPLICANT HAGIWARA, et al.	
	FILING DATE January 14, 2000	GROUP 1752

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>ja</i>	AM	0580108A2	1-26-94	Europe			
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner	<i>J Ch</i>	
Date Considered	<i>9/2000</i>	

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
JSC	AA	4,243,743	1-6-81	Hiramoto, et al.			
	AB	5,238,784	8-93	Tokoh, et al.	430	196	
	AC	4,608,333	8-86	Ohbayashi, et al.	430	906	
	AD	4,565,767	1-86	Kataoka, et al.	430	196	
	AE	4,451,551	5-84	Kataoka, et al.	430	197	
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Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
JSC	AM	3-36861	6-3-91	Japan				
	AN	718696A2	6-26-96	Europe				
	AO	418870A2	3-27-91	Europe				
JSC	AP	624826A1	11-17-94	Europe				
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JSC	AU	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 41, No. 1 (1992).
JSC	AV	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 42, No. 7 (1993).
JSC	AW	The Society of Polymer Science, Japan, Polymer Preprints, Japan. Vol. 42, No. 2 (1993).
	AX	
	AY	
	AZ	
Examiner JSC		Date Considered 9/2000